

MST Surface Technologies

Purpose-Built Networks
for Surface Mining and
Industrial Projects



A Komatsu technology brand

MST Global specialise in technology for harsh industrial environments that empowers you to unearth safety and productivity improvements

MST Surface Technologies design, deploy and support reliable above-ground communication networks for surface mining, construction, oil and gas, pipeline and remote industrial operations. Our specialist team delivers purpose-built radio communication networks and industrial WiFi solutions that keep people, equipment and field systems connected across large, complex and often harsh operating environments.

With deep experience in surface radio networks, high-capacity WiFi, site-wide coverage planning and operational communications, MST helps customers build resilient communications infrastructure that supports safe, productive and coordinated field operations. From mine pits and haul roads to construction corridors, laydown areas, processing facilities and remote project sites, we provide practical network designs tailored to real-world operating conditions.

Our capability spans network assessment, RF planning, system design, equipment selection, installation, commissioning, optimisation and ongoing support. We work closely with site teams to understand coverage requirements, traffic profiles, terrain, operational workflows and future digital needs, ensuring the network is fit for purpose today and scalable for tomorrow. Whether supporting voice communications, mobile data, fleet systems, site connectivity, worker mobility, video, telemetry or operational applications, MST provides the expertise to deliver robust surface communications networks that perform where conventional enterprise networks often struggle.

As members of the Australian Radio Communications Industry Association (ARCIA) and Australian Security Industry Association Limited (ASIAL) MST Global prides itself on its reputation in the communications industry and has been the recipient of numerous honours and awards. MST Global is recognised as the biggest Tait Dealer in the world, one of the top 10 Icom Dealers in Australia and awards from ARCIA for an Industry Excellence Award in Engineering Excellence.

The footprint of MST Surface Technologies reinforces MST Global's local support capabilities through our Regional Service Centres at the face of operations for our remote and local customers across Australia.



A reputation built on experience and success in supporting our diverse range of customers

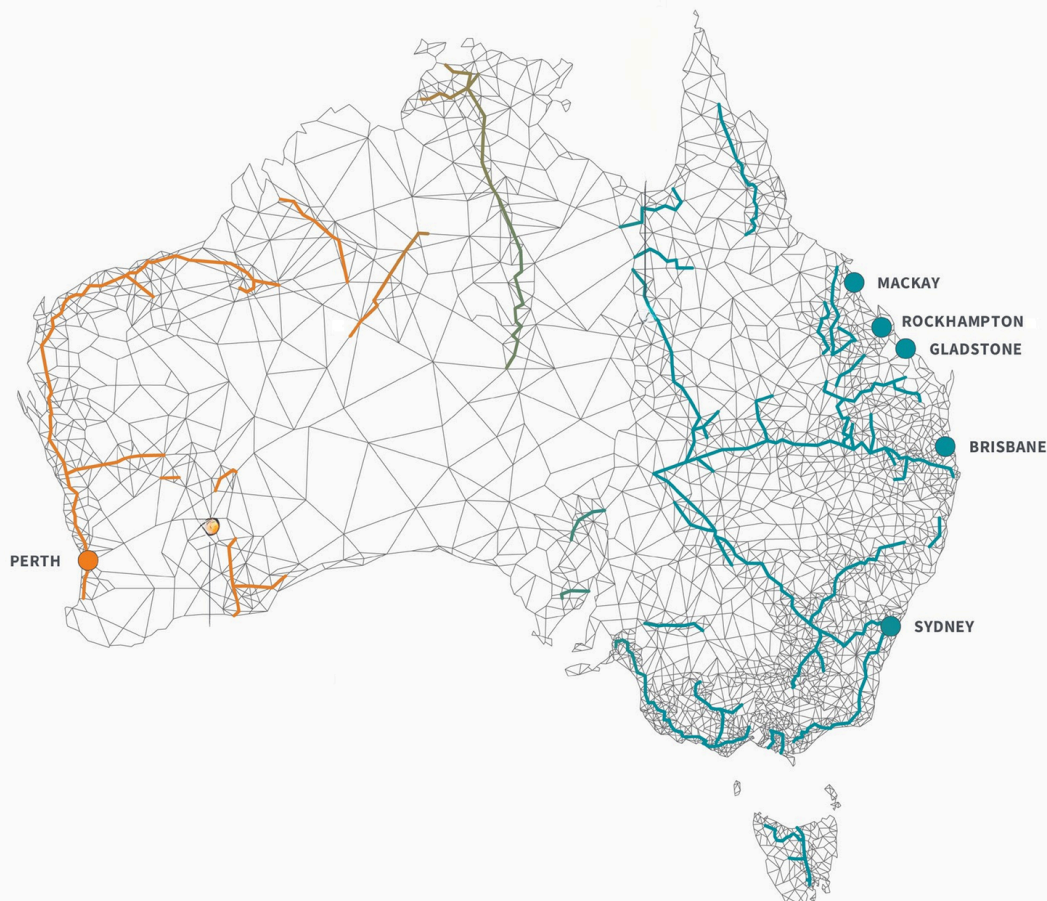
MST Surface Technologies draws on over 45 years of experience delivering communication solutions for regional and remote infrastructure projects. Our reputation is built on success, experience, and innovation unparalleled by competitors. Our inclusion of surface-based solutions materialised through the acquisition of the Queensland based stalwart brand Nixon Communications in 2011, drawing on the rich history of this provider (established in 1977) in delivering innovative communication solutions for remote pipeline, industrial construction, and challenging mining environments.

We are the leaders in tailored surface communication services, providing systems and equipment to major construction and mining projects, as well as supporting short- and long-term hire services.

MST Surface Technologies work with Oil and Gas, Rail and Transport, Marine and Ports, mobile phone carriers and major broadcasters, mining and non-mining contractors, and government.

National service centre network with a remote reach

Our remote communication solutions provide modern, relocatable communication facilities to our customers across Australia.



Our Expertise

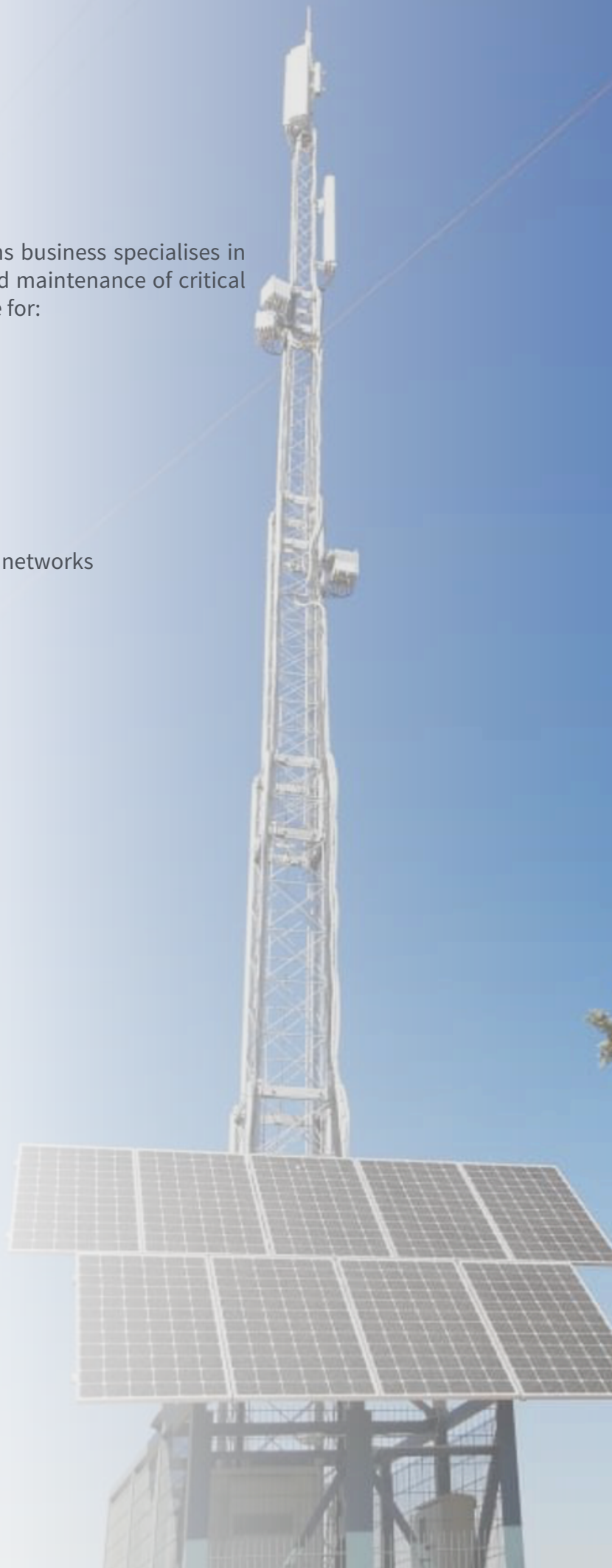
MST Global's Infrastructure & Surface Solutions business specialises in the design, supply, installation, integration and maintenance of critical communications and technology infrastructure for:

- Surface mining operations
- Remote construction projects
- Industrial facilities
- Ports and logistics operations
- Energy and utilities infrastructure
- Government and emergency services
- Transport and tunnelling projects
- Commercial and regional communications networks

Our solutions are engineered to improve:

- Workforce safety
- Operational efficiency
- Asset visibility
- Communications reliability
- Network performance
- Business continuity
- Digital transformation readiness

**Your digital
transformation
partner —
no matter
the journey**



Field data and voice communications simplified

MST Surface Technologies delivers turnkey solutions to meet your budget, project scale and requirements. We understand the challenges of remote projects and offer reliable deployment to site.

OUR DESIGNS ARE:

- > High performance,
- > cost optimised, and
- > fast to deploy.

In addition to supporting your field data and voice needs, we also supply and maintain a full range of camp and office communications for staff and contractors at site.

Sales Solutions

- > Off the shelf voice and data communications for fast site implementation.
- > Turnkey data communications commissioned to meet your project needs.
- > Communications project planning including;
 - Survey;
 - Design;
 - Deployment;
 - Commission and maintenance; and
 - Ongoing support services.
- > Custom designed communication facilities shipped to site and installed by our expert technicians. We provide a wide range of communication products including:

RADIO EQUIPMENT:

- > Tait Communications (Radio)
- > Motorola (Radio)
- > Icom (Radio)
- > Harris
- > Hytera
- > Kenwood
- > Simoco
- > Barrett Communications

WIRELESS NETWORKING

- > Rajant Breadcrumb Mobile Mesh
- > Systems Ubiquiti Wireless Equipment
- > Cellular boosters and wireless routers
- > Cambium Wireless Equipment
- > Cisco
- > Wave1
- > Proxim

SECURITY & INFRASTRUCTURE

- > Axis Communication
- > Hikvision
- > Mobotix
- > Omnitronics
- > RFI
- > Schneider Electric

SUPPLY, SERVICE AND MAINTAIN:

- > Analogue & digital, conventional & trunked voice radio networks
- > Emergency & blast alarm systems
- > Mobile & fixed solar, wind and diesel backup systems
- > Telemetry & SCADA networks
- > Microwave point to point & point to multipoint networks
- > Satellite broadband and voice installations

OTHER EQUIPMENT:

- > GPS Online Vehicle Tracking Solutions
- > Flight Bros. Mast and Tower systems
- > RFI Multicoupling & Antenna Systems
- > Omnitronics Audio and IP Bridging Solutions
- > MOXA Industrial Ethernet Solutions

Hire Solutions

Deploying a short- or long-term project? We offer a wide range of communications solutions and devices for hire to support the seamless site operations of your project. These solutions and services are mobile, well maintained, and reliable to ensure we can move with you no matter your project timeline.

Two-way radio coverage, Satellite and Wi-Fi systems ensure reliable communication, increasing safety and productivity on the job:

- > Stationary (Desk-Top), Mobiles (In-Vehicle) and Handhelds (Portable)
- > Handheld Satellite Phones
- > Network Transmission Systems (Internet and Wi-Fi connectivity)

RADIO COMMUNICATIONS SYSTEMS

Reliable clear communications provided by transportable repeater stations:

- > Self-contained solar-powered trailer units
- > Each radio repeater site can be operational in less than a day
- > Coverage of system is expandable for project growth as required

CAMP COMMUNICATIONS

All campsite communications provided including:

- > Camp Satellite Free to Air TV
- > Foxtel Services
- > VoIP Camp phone systems
- > Re-Broadcast Radio
- > Internet and Wi-Fi connectivity
- > Mobile Phone Coverage Boosters

We are recognised globally as the largest Tait dealer and one of the top ten Icom dealers in Australia. We are also an official Rajant data communication systems partner. This means you can trust you are receiving the best products and comparable price the market has to offer.

Experienced Service Team

Across our national service centre network, we employ qualified and experienced Technicians delivering workshop and onsite servicing and maintenance of our equipment. You can expect:

- > Turnkey, complete supply and installation of communication systems
- > Ongoing maintenance and support of the system and equipment
- > Prompt service and turnaround times

...available nationally.

**Draw on our success
to streamline your
project procurement
and installation needs**

Your digital
transformation
partner —
no matter
the journey

AXON
HELIX
TRAK
FUSION
SENSA

WORKFLOW & FLEET MANAGEMENT

FARA is a stand-alone Platform-as-a-Service (PaaS) solution available for off-the-shelf (Apple compatible devices) tablets and smartphones. FARA enables tracking and digitisation of paper forms and offers a cost-effective steppingstone towards enhanced fleet management.

PROXIMITY DETECTION

MST's personnel and asset Proximity Detection enables increased safety and, should the situation arise, a vital aid to emergency management. It provides warning and alerts to both personnel and vehicle operators in their cabins, of other vehicles and personnel in their vicinity, reducing the risk of collisions.

SITUATIONAL AWARENESS

Our Situational Awareness system is designed to significantly reduce the risk of vehicle/person and vehicle/vehicle collisions by providing an early warning indication to vehicle operators of the number of vehicles and personnel present in the vicinity.

Unearth our extensive portfolio of products, solutions, and software applications to optimise safety and productivity for surface and underground mining, tunneling and harsh industrial environments.

MST's technology enables you to build true digital ecosystems positioned at the forefront of automation, digitisation and ESG industry concerns and megatrends.

- > MST's SENSA smart sensors connect wirelessly to the network allowing you to control and automate your mobile and fixed assets.
- > Monitoring and tracking of your personnel and assets are achieved through wearable TRAK tags that provide real-time insights and alerts.
- > Voice and communication technologies from the MST FUSION product family support you when you need it the most.
- > MST's HELIX software solutions bring all this data together making it easier to monitor, manage and commission.
- > The MST AXON smart network infrastructure and wireless technologies can handle all these data and connectivity requirements, including all future needs, making it the essential foundation of your digital ecosystem.

Our commitment to quality

Quality, Safety & Compliance

MST Global maintains a third-party accredited Quality Management System certified to ISO 9001:2015 covering the design, supply, manufacture, installation and maintenance of communications equipment and systems. The company is committed to delivering safe, high-quality outcomes through robust health, safety and environmental management systems.



Connect with a local project expert today

Call 07 4972 2000

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Bowen Hills, QLD, 4006

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2/38 Lord Street
Gladstone, QLD, 4680

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149 Shakespeare Street
Mackay, QLD, 4740

Rockhampton
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Park Avenue QLD 4701

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Osborne Park WA 6017

Sydney
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North Ryde, NSW, 2113



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